

Datasheet for ABIN2777767
anti-ARPC4 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	ARPC4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Zebrafish (Danio rerio), Rabbit, Saccharomyces cerevisiae, Guinea Pig, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARPC4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	AVRATLQAAL CLENFSSQVV ERHNKPEVEV RSSKELLQV VTISRNEKEK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 77%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 90%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against Arpc4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ARPC4
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Target Details

Alternative Name:	Arpc4 (ARPC4 Products)
Background:	<p>Arpc4 functions as actin-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. Seems to contact the mother actin filament.</p> <p>Alias Symbols: 20 kDa, 5330419I20Rik, AI327076, p20-Arc</p> <p>Protein Interaction Partner: Eed,</p> <p>Protein Size: 168</p>
Molecular Weight:	20 kDa
Gene ID:	68089
NCBI Accession:	NM_026552 , NP_080828
UniProt:	P59999
Pathways:	RTK Signaling, Regulation of Actin Filament Polymerization

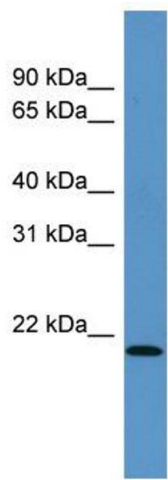
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 168 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-Arpc4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Mouse Intestine